

NEET ANATOMY OF FLOWERING PLANTS — MERISTEMATIC TISSUES — PYQS

Max. Marks: 32

Questions: 8

Section A (MCQ) — 8 questions

Q.1 Meristematic tissue responsible for increase in girth of tree trunk is : [NEET 2013 (Karnataka)]

- (1) Phellogen (2) Intercalary meristem
(3) Apical meristem (4) Lateral meristem

Scan or tap for the full solution



Q.2 Which one of the following is not a lateral meristem ? [AIPMT 2010 (Prelims)]

- (1) Interfascicular cambium
(2) Intercalary meristem
(3) Intrafascicular cambium
(4) Phellogen

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Q.3 Vascular tissues in flowering plants develop from: [AIPMT 2008]

- (1) plerome (2) periblem
(3) phellogen (4) dermatogen

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Q.4 The length of different internodes in a culm of sugarcane is variable because of: [AIPMT 2008]

- (1) shoot apical meristem
(2) position of axillary buds
(3) size of leaf lamina at the node below each internode
(4) intercalary meristem

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Q.5 The apical meristem of the root is present

[AIPMT 2003]

- (1) In all the roots
(2) Only in tap roots
(3) Only in adventitious roots
(4) Only in radicles

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Q.6 The cells of the quiescent centre are characterised by : [AIPMT 2003]

- (1) Having light cytoplasm and small nuclei
(2) Dividing regularly to add to tunica
(3) Having dense cytoplasm and prominent nuclei
(4) Dividing regularly to add to the corpus

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Q.7 Axillary bud and terminal bud derived from the activity of : - [AIPMT 2002]

- (1) Apical meristem (2) Parenchyma
(3) Lateral meristem (4) Intercalary meristem

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Q.8 What happens in plants during vascularisation?

[AIPMT 2000]

- (1) Formation of procambium, primary phloem and xylem simultaneously
(2) Differentiation of procambium followed by the formation of secondary xylem
(3) Differentiation of procambium, formation of primary phloem followed by formation of primary xylem
(4) Differentiation of procambium followed by the formation of primary phloem and xylem simultaneously

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3	4	5	6	7	8			
Ans.	4	2	1	4	1	1	1	4			